

Yellow Jacket Drilling Service  
3922 E University Dr. Suite#1  
Phoenix AZ, 85034

Summary Report

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DRAFT: Microbiology

Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
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DRAFT: HAMP (3101453-01) Drinking Water (Grab)    Sampled: 10/16/13 05:30    Received: 10/16/13 11:30

E. coli	Absent		P/A	1	B3J0514	10/16/13	10/16/13	SM 9223B
Total Coliforms	Present		P/A	1	B3J0514	10/16/13	10/16/13	SM 9223B

## DRAFT: Total Metals

Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
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DRAFT: HAMP (3101453-01) Drinking Water (Grab) Sampled: 10/16/13 05:30 Received: 10/16/13 11:30

Antimony	<0.0005	0.0005	mg/L	1	B3J0527	10/17/13	10/17/13	EPA 200.8
Arsenic	0.0045	0.0010	mg/L	1	B3J0527	10/17/13	10/17/13	EPA 200.8
Barium	0.03	0.01	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7
Beryllium	<0.002	0.002	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7
Cadmium	<0.0001	0.0001	mg/L	1	B3J0527	10/17/13	10/17/13	EPA 200.8
Calcium	10	1	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7
Chromium	0.008	0.005	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7
Copper	0.01	0.01	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7
Lead	0.0030	0.0010	mg/L	1	B3J0527	10/17/13	10/17/13	EPA 200.8
Magnesium	2	1	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7
Manganese	0.09	0.02	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7
Nickel	<0.02	0.02	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7
Selenium	<0.0020	0.0020	mg/L	1	B3J0527	10/17/13	10/17/13	EPA 200.8
Sodium	92	1	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7
Thallium	<0.0005	0.0005	mg/L	1	B3J0527	10/17/13	10/17/13	EPA 200.8
Zinc	0.03	0.02	mg/L	1	B3J0528	10/17/13	10/18/13	EPA 200.7

## DRAFT: Inorganic Chemistry

Legend Technical Services of Arizona, Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method
DRAFT: HAMP (3101453-01) Drinking Water (Grab) Sampled: 10/16/13 05:30 Received: 10/16/13 11:30								
Total Alkalinity as CaCO3	175	10	mg/L	1	B3J0537	10/17/13	10/17/13	SM 2320 B
Bicarbonate Alkalinity	134	10.0	mg/L	1	B3J0537	10/17/13	10/17/13	SM 2320 B
Chloride	11.0	5.0	mg/L	1	B3J0522	10/17/13	10/17/13	EPA 300.0
Color	30	1	Color Units	1	B3J0555	10/18/13	10/18/13	SM 2120 B
Cyanide, Total	<0.010	0.010	mg/L	1	B3J0561	10/18/13	10/18/13	SM 4500 CN E
Nitrite as N	<0.10	0.10	mg/L	1	B3J0491	10/16/13	10/16/13	SM 4500 NO2 B
Threshold Odor Number	<1	1	T.O.N.	1	B3J0556	10/18/13	10/18/13	EPA 140.1
pH	9.1		pH Units	1	B3J0502	10/16/13	10/16/13	SM 4500H B
Temperature	18.2		°C	1	B3J0502	10/16/13	10/16/13	pH Temperature
Sulfate	10.4	5.0	mg/L	1	B3J0522	10/17/13	10/17/13	EPA 300.0

### Notes and Definitions

N1	See case narrative.
M2	Matrix spike recovery was low; the associated blank spike recovery was acceptable.
H5	This test is specified to be performed in the field within 15 minutes of sampling; sample was received and analyzed past the regulatory holding time.
H3	Sample was received and /or analysis was requested past holding time.
_P	Present
_A	Absent